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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re application of

Philip Richard ABRAHAM, et al.

Appln. No.: 09/493,211

Group Art Unit: 1643

Filed: January 28, 2000

Examiner: C. Kam

For: NOVEL SYNTHETIC PEPTIDES WITH ANTIMICROBIAL AND ENDOTOXIN
NEUTRALIZING PROPERTIES FOR MANAGEMENT OF THE SEPSIS
SYNDROME

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

**Page 12, second paragraph, continuing to page 13, delete in its entirety and replace
with the following new paragraph:**

As stated above, the peptide may have the orientation of the formula given above or may have the retro orientation as a whole or in part. Any of the repetitive sequences can thus be in the retro orientation i.e. (A-C-B-A) or the orientation given in the formula, wherein the remaining groups are in the orientation as given in the formula. In a suitable embodiment as is apparent from the examples a peptide has the repetitive sequence (A-B-C-A) present in the retro orientation more often than in the orientation as presented in the formula, and/or at least one repetitive sequence has the orientation of the formula (ABCA) and at least one has the retro orientation (ACBA). It is to be noted that in repetitive sequences A, B and C may be different from each other, e.g. A₂ may be Lys in the first sequence and Arg in the second, etc.

Examples of amphiphilic cationic peptides of the formula are: